

SHIP TODAY 2/24/02

Work Order ID 56443

February 23, 2010 2:00:39 PM



Item ID: D076-612-015

Accept



Setup Start



Revision ID:

Stop



Item Name: Cargo Mirror Assembly

Start Date: 2/23/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/23/10 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan: *u*

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

DSI9304

Rev A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D076-612-015 CHG002

Sublet 24

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

Pick 2/24 @

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

Sublet 24

AC

Work Order ID 56443

February 23, 2010 2:00:40 PM



Page 2

Item ID: D076-612-015

Accept



Setup Start



Revision ID:

Stop



Item Name: Cargo Mirror Assembly

Start Date: 2/23/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/23/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D076-612-015

Location:

PPP Rev: C

140

0.00



QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

Rec'd 2/24/10

10/02/24

MF 10-2-24

Picklist Print

February 23, 2010 2:00:24 PM

Page 1

Work Order ID: 56443

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2012-117

Manufactured No

110

Each

44.0000

3.0000

Clevis

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

44

31101

2

52498

12

55729

30

Main Warehouse

WA

30

D2261

Manufactured No

110

Each

1.0000

1.0000

Mirror Arm - Long S76

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

1

51567

1

Manufactured No

110

Each

6.0000

1.0000

D2262

Mirror Arm - Short S76

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

6

39695

3

51565

3

Picklist Print

February 23, 2010 2:00:24 PM

Work Order ID: 56443

Parent Item: 'D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue: KJ/JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2263-1

Manufactured

No

110

Each

84.0000

2.0000

Clamp

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

84

16733

84

D2263-3

Manufactured

No

110

Each

187.0000

2.0000

Castings

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

187

15445

187

D2264

Manufactured

No

110

Each

63.0000

3.0000

Cushion

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

63

33565

5

54727

58

Picklist Print

February 23, 2010 2:00:24 PM

Page 3

Work Order ID: 56443

Parent Item: 'D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2271 "L" Bracket Assembly		Manufactured	No			110	Each	4.0000	3.0000		10-2-23	

Warehouse Loc Qty Loc Code
Location

Premier

Mezz.

16718

D2274 Radius Block		Manufactured	No			110	Each	291.0000	2.0000		10-2-23	
-----------------------	--	--------------	----	--	--	-----	------	----------	--------	--	---------	--

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST

55602

Main Warehouse

ST010

52644

55443

Main Warehouse

ST10

54850

D2856-100-250 ABRASION STRIP		Manufactured	No			110	Each	0.0000	2.0000		10-2-23	
---------------------------------	--	--------------	----	--	--	-----	------	--------	--------	--	---------	--

February 23, 2010 2:00:24 PM

Shop Packet Print

Page 3

Picklist Print

February 23, 2010 2:00:25 PM

Page 4

Work Order ID: 56443

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly



Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00



Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3439-101  Mirror Assembly 8"		Manufactured	No			110	Each	2.0000	1.0000 		10-2-23 SL	

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 2

54714 2

AN3-11A  Bolt		Purchased	No			110	Each	253.0000	3.0000 		10-2-23 SL	
---	--	-----------	----	--	--	-----	------	----------	---	--	---------------	--

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 253

109927 29

110865 173

14820 51

February 23, 2010 2:00:25 PM

Shop Packet Print

Page 4

Picklist Print

February 23, 2010 2:00:28 PM

Work Order ID: 56443

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN4-SA

Purchased

No

110

Each

94.0000

<2.0000



Bolt



~~M113288~~ 10-2-23 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

94

100089

6

109061

9

110844

7

112933

72

QSI 017R

NAS1149 003632

AN960JD10

Purchased

No

110

Each

0.0000

<9.0000



Washer

AN960JD416

Purchased

No

110

Each

0.0000

<10.0000



Washer



~~M113706~~ M113288 SP
M113700 10-2-23 SP

NAS1149 004632

QSI 017 S1

Picklist Print

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Work Order ID: 56443



Parent Item: D076-612-015



Parent Item Name: Cargo Mirror Assembly

Start Date: 2/23/10

Required Date: 2/23/10

Comments: IPP Rev:A 05.05.12 New issue. KJ/JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3		Purchased	No			110	Each	2,566.000	6,0000			



Nut



10-2-23

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

2560

110844

35

111274

27

111668

52

112314

285

112385

443

113523

18

113537

700

113644

1000

Main Warehouse

ST139

6

111668

6

February 23, 2010 2:00:29 PM

Shop Packet Print

Page 6

Picklist Print

February 23, 2010 2:00:33 PM

Page 7

Work Order ID: 56443

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS2104214 Nut		Purchased	No			110	Each	2,111.000	3.0000			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

2111

102552

6

104248

6

110507

184

111827

921

113422

994

15924

0

MS27039-1-14

Purchased

No

110

Each

156.0000

3.0000

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

156

112312

100

15924

56

February 23, 2010 2:00:33 PM

Shop Packet Print

Page 7

Picklist Print

February 23, 2010 2:00:34 PM

Page 8

Work Order ID: 56443

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly


Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 2/23/10

Required Date: 2/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
8 NAS1738B-4-2  Blind Rivet		Purchased	No			110	Each	50.0000	9.0000			



10-2-23 91

Warehouse
Location

Main Warehouse

ST

50

112082

50

110

Each

121.0000

1.0000



9
10-2-23 S ✓

8 AN4-10A

Bolt

Purchased

No

Warehouse
Location

Main Warehouse

ST

121

103962

4

108986

9

111423

58

113422

50

/_____

February 23, 2010 2:00:34 PM

Shop Packet Print

Page 8

25.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D076-612-011 Cargo Mirror, 6"	1.8 lb 0.82 kg	±46.5 in ±1.18 m	±83.7 in-lb ±0.97 m-kg	99.1 in 2.52 m	178.4 in-lb 2.07 m-kg
D076-612-015 Cargo Mirror, 8"	2.3 lb 1.04 kg	±46.5 in ±1.18 m	±107.0 in-lb ±1.23 m-kg	99.1 in 2.52 m	227.9 in-lb 2.62 m-kg

25.4 PARTS LIST

Qty -011	Qty -015	Part Number	Description
X		D076-612-011	CARGO MIRROR, 6"
	X	D076-612-015	CARGO MIRROR, 8"
1		D2011-101	Mirror (6")
	1	D2011-103	Mirror (8")
1		*D3014-1	Locknut
	1	*D3015-3	Locknut
1		*AN960JD416L	Washer
	1	*AN960JD516	Washer
3	3	D2012-117	Clevis
1	1	D2261	Arm Assembly
1	1	D2262	Arm Assembly
4	2	D2263-1	Clamp
	2	D2263-3	Clamp
3	3	D2264	Cushion
3	3	D2271	Bracket
3	3	AN3-11A	Bolt
3	3	AN4-5A	Bolt
9	9	AN960JD10	Washer
10	10	AN960JD416	Washer
6	6	MS21042L3	Nut (or MS21042-3)
3	3	MS21042L4	Nut (or MS21042-4)
3	3	MS27039-1-14	Screw
9	9	NAS1738B-4-2	Blind Rivet

*INCLUDED AS PART OF D2011-101/-103 MIRROR ASSEMBLY

TC Accepted

SEP 12 2002

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25-00-00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

REFERENCE ONLY

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. DSI 9304	REV. C SHEET 1 OF 2
DATE 05.06.13		TITLE MIRROR SUBSTITUTION	SCALE NTS
A	05.05.27	NEW ISSUE	
B	05.06.03	ADD OPTIONAL ANTI-SLIP HARDWARE	
C	05.06.13	NOW PERMANENT KIT CHANGE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D076-612 REV. A

REF. CANADIAN STC: SH94-38 ISSUE 2

REF. FAA STC: SR00298NY

For the D076-612-015 CHG 002 Cargo Mirror kit, the **D2011-103** Mirror referenced in IIN-D076-612 rev.A has been replaced with the **D3439-101** Mirror Assembly. The attaching hardware for this mirror has been changed to reduce the chance of slippage in flight. The mirror should be installed per the figure on page 2 of this document. The parts list for the D076-612-015 Cargo Mirror kit is given below.

Qty -015	Part Number	Description
X	D076-612-015	CARGO MIRROR, 8"
1	D3439-101	Mirror Assembly(8")
1	*D3015-3	Locknut
1	*5/16WC	Washer
3	D2012-117	Clevis
1	D2261	Arm Assembly
1	D2262	Arm Assembly
2	D2263-1	Clamp
2	D2263-3	Clamp
3	D2264	Cushion
3	D2271	Bracket
2	D2274	Radius Block
2	D2856-100-250	Abrasion Strips
3	AN3-11A	Bolt
2	AN4-5A	Bolt
1	AN4-10A	Bolt
9	AN960JD10	Washer
10	AN960JD416	Washer
6	MS21042L3	Nut (or MS21042-3)
3	MS21042L4	Nut (or MS21042-4)
3	MS27039-1-14	Screw
9	NAS1738B-4-2	Blind Rivet

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 05.06.13
CERT. NO.: SH94-38
ISSUE NO.: 2

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries